

ABSTRACT OF THE DISCLOSURE

[0028] In an embodiment, a dynamic bus includes a dynamic bus repeater with a noise margin of about $V_{cc}/2$. The bus repeater splits the bus into front and rear segments. The front segment pre-charges while the rear segment evaluates, and vice versa. The dynamic bus repeater hides the pre-charge signal propagated from the front segment from the rear segment while the rear segment is evaluating.